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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/029,436

DATE: 11/01/2002

TIME: 11:58:36

Input Set : N:\Crif3\RULE60\10029436.raw

Output Set: N:\CRF4\11012002\J029436.raw

ENTERED

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1 <110> APPLICANT: Smith, Kelli E.
2   Weinshank, Richard L.
3 <120> TITLE OF INVENTION: DNA Encoding A Human Receptor (hp15a) And Uses
4   Thereof
5 <130> FILE REFERENCE: 55180
6 <140> CURRENT APPLICATION NUMBER: 10/029,436
7 <141> CURRENT FILING DATE: 2001-12-19
9 <150> PRIOR APPLICATION NUMBER: US/09/179,798A
10 <151> PRIOR FILING DATE: 1998-10-27
12 <160> NUMBER OF SEQ ID NOS: 16
13 <170> SOFTWARE: PatentIn Ver. 2.1
15 <210> SEQ ID NO: 1
16 <211> LENGTH: 1311
17 <212> TYPE: DNA
18 <213> ORGANISM: Homo sapiens
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21   atgtggaaca gctctgacgc caactctctc tgctaccatg agtctgtgct gggctatcgt 120
22   tatgttgacg ttagctgggg ggtggtggtg gctgtgacag gcaccgtggg caatgtgctc 180
23   accctactgg ccttggccat ccagcccaag ctccgtaccc gattcaacct gctcatagcc 240
24   aacctcacac tggtgatct cctctactgc acgctccttc agcccttctc tgtggacacc 300
25   tacctccacc tgcactggcg caccggtgcc accttctgca gggatatttg gctcctcctt 360
26   tttgctcca attctgtctc catcctgacc ctctgcctca tcgcaactgg acgctacctc 420
27   ctcatggccc accctaagct ttttcccaa gttttcagt ccaaggggat agtgctggca 480
28   ctggtgagca cctgggtgtt gggcgtggcc agctttgctc ccctctggcc tatttatatc 540
29   ctggtacctg tagtctgcac ctgcagcttt gaccgcatcc gaggccggcc ttacaccacc 600
30   atcctcatgg gcatctactt tgtgcttggg ctcagcagtg ttggcatctt ctattgcctc 660
31   atccaccgcc aggtcaaagc agcagcacag gcaactggac aatacaagtt ggcacaggca 720
32   agcatccact ccaaccatgt ggccaggact gatgaggcca tgcttggtcg tttccaggag 780
33   ctggacagca ggttagcatc aggaggaccc agtgagggga tttcatctga gccagtcagt 840
34   gctgccacca ccagaccct ggaaggggac tcatcagaag tgggagacca gatcaacagc 900
35   aagagagcta agcagatggc agagaaaagc cctccagaag catctgcca agcccagcca 960
36   attaaaggag ccagaagagc tccggattct tcatcggaat ttgggaaggt gactcgaatg 1020
37   tgttttgctg tgttctctg ctttgccctg agctacatcc cttcttctg gctcaacatt 1080
38   ctggatgcca gagtccaggc tcccgggtg gtccacatgc ttgtgcca cctcacctgg 1140
39   ctcaatggtt gcatcaaccc tgtgctctat gcagccatga accgccaatt ccgccaagca 1200
40   tatggctcca ttttaaaaag agggcccg agtttccata ggctccatta gaactgtgac 1260
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45 <212> TYPE: PRT
46 <213> ORGANISM: Homo sapiens
47 <400> SEQUENCE: 2

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48 Met Trp Asn Ser Ser Asp Ala Asn Phe Ser Cys Tyr His Glu Ser Val
49 1 5 10 15
50 Leu Gly Tyr Arg Tyr Val Ala Val Ser Trp Gly Val Val Val Ala Val
51 20 25 30
52 Thr Gly Thr Val Gly Asn Val Leu Thr Leu Leu Ala Leu Ala Ile Gln
53 35 40 45
54 Pro Lys Leu Arg Thr Arg Phe Asn Leu Leu Ile Ala Asn Leu Thr Leu
55 50 55 60
56 Ala Asp Leu Leu Tyr Cys Thr Leu Leu Gln Pro Phe Ser Val Asp Thr
57 65 70 75 80
58 Tyr Leu His Leu His Trp Arg Thr Gly Ala Thr Phe Cys Arg Val Phe
59 85 90 95
60 Gly Leu Leu Leu Phe Ala Ser Asn Ser Val Ser Ile Leu Thr Leu Cys
61 100 105 110
62 Leu Ile Ala Leu Gly Arg Tyr Leu Leu Ile Ala His Pro Lys Leu Phe
63 115 120 125
64 Pro Gln Val Phe Ser Ala Lys Gly Ile Val Leu Ala Leu Val Ser Thr
65 130 135 140
66 Trp Val Val Gly Val Ala Ser Phe Ala Pro Leu Trp Pro Ile Tyr Ile
67 145 150 155 160
68 Leu Val Pro Val Val Cys Thr Cys Ser Phe Asp Arg Ile Arg Gly Arg
69 165 170 175
70 Pro Tyr Thr Thr Ile Leu Met Gly Ile Tyr Phe Val Leu Gly Leu Ser
71 180 185 190
72 Ser Val Gly Ile Phe Tyr Cys Leu Ile His Arg Gln Val Lys Arg Ala
73 195 200 205
74 Ala Gln Ala Leu Asp Gln Tyr Lys Leu Arg Gln Ala Ser Ile His Ser
75 210 215 220
76 Asn His Val Ala Arg Thr Asp Glu Ala Met Pro Gly Arg Phe Gln Glu
77 225 230 235 240
78 Leu Asp Ser Arg Leu Ala Ser Gly Gly Pro Ser Glu Gly Ile Ser Ser
79 245 250 255
80 Glu Pro Val Ser Ala Ala Thr Thr Gln Thr Leu Glu Gly Asp Ser Ser
81 260 265 270
82 Glu Val Gly Asp Gln Ile Asn Ser Lys Arg Ala Lys Gln Met Ala Glu
83 275 280 285
84 Lys Ser Pro Pro Glu Ala Ser Ala Lys Ala Gln Pro Ile Lys Gly Ala
85 290 295 300
86 Arg Arg Ala Pro Asp Ser Ser Ser Glu Phe Gly Lys Val Thr Arg Met
87 305 310 315 320
88 Cys Phe Ala Val Phe Leu Cys Phe Ala Leu Ser Tyr Ile Pro Phe Leu
89 325 330 335
90 Leu Leu Asn Ile Leu Asp Ala Arg Val Gln Ala Pro Arg Val Val His
91 340 345 350
92 Met Leu Ala Ala Asn Leu Thr Trp Leu Asn Gly Cys Ile Asn Pro Val
93 355 360 365
94 Leu Tyr Ala Ala Met Asn Arg Gln Phe Arg Gln Ala Tyr Gly Ser Ile
95 370 375 380
96 Leu Lys Arg Gly Pro Arg Ser Phe His Arg Leu His

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Input Set : N:\Crif3\RULE60\10029436.raw

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104 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
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109 <211> LENGTH: 45
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
114 <400> SEQUENCE: 4
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117 <210> SEQ ID NO: 5
118 <211> LENGTH: 45
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
123 <400> SEQUENCE: 5
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126 <210> SEQ ID NO: 6
127 <211> LENGTH: 45
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
132 <400> SEQUENCE: 6
133          gtagcgggtcc agggcgatga cacagagggtg caggatggag gcagt          45
135 <210> SEQ ID NO: 7
136 <211> LENGTH: 45
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
141 <400> SEQUENCE: 7
142          atcctctaca ctgtctactc cacgggtgggt gctttctact tcccc          45
144 <210> SEQ ID NO: 8
145 <211> LENGTH: 45
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
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151          gccatagagg gcgatgagga gcagggtggg gaagtagaaa gcacc          45

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Input Set : N:\Crf3\RULE60\10029436.raw

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155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
159 <400> SEQUENCE: 9
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163 <211> LENGTH: 46
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
168 <400> SEQUENCE: 10
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171 <210> SEQ ID NO: 11
172 <211> LENGTH: 37
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
177 <400> SEQUENCE: 11
178      cgcggatcca ttatgtctgc actccgaagg aaatttg      37
180 <210> SEQ ID NO: 12
181 <211> LENGTH: 38
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
186 <400> SEQUENCE: 12
187      cgcggaattct tatgtgaagc gatcagagtt catttttc      38
189 <210> SEQ ID NO: 13
190 <211> LENGTH: 34
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
195 <400> SEQUENCE: 13
196      gcgggatccg ctatggctgg tgattctagg aatg      34
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199 <211> LENGTH: 29
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201 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
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205      ccggaattcc cctcacaccg agcccctgg      29
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Input Set : N:\Crf3\RULE60\10029436.raw

Output Set: N:\CRF4\11012002\J029436.raw

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212 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe  
213 <400> SEQUENCE: 15  
214       acctcacact ggctgatctc ctct 24  
216 <210> SEQ ID NO: 16  
217 <211> LENGTH: 25  
218 <212> TYPE: DNA  
219 <213> ORGANISM: Artificial Sequence  
220 <220> FEATURE:  
221 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe  
222 <400> SEQUENCE: 16  
223       gtagatgccc atgaggatgg tgggtg 25

VERIFICATION SUMMARY

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